

TO: \_\_\_\_\_ On (note date): \_\_\_\_\_ Pat. No. 6836507  
Team Leaders Initials  
INFO SUPPLIED BY: \_\_\_\_\_ 09/639,496  
OAC/LDRC Initials

**SECOND REQUEST (DIFFERENT CORRECITONS), SUPERSEDE OR RECONSIDERATION**  
(OAC OR LDRC, USE A RED PEN FOR COMPLETING INFO, ON THIS COVER SHEET) (11/2002 cbn)

Team Leader, an Office Automation Clerk may assist you by supplying data from CofC Database (Current & History), PALM, and copies from Intranet, to determine type of request (second request, supersede, and/or reconsideration) and to determine if there were any errors made in decisions and/or publishing are attributable. Team Leader, check appropriate boxes below, key record (if necessary) and forward to JCWS, to order file and assign file to an LIE, to EXPEDITE.

Team Leader, DO NOT ORDER FILE.

MRD (for request attached to this cover sheet): 1 / 1 / \_\_\_\_\_ (Team Leader have LDRC, stamp same MRD on 1050)

File Charged to (in PALM): \_\_\_\_\_ Date Charged to Loc.: 1 / 1 / \_\_\_\_\_

Information re most recent record in CofC database (Check Current & History)

MRD: 1 / 1 / 21 / 05 Examiner (LIE's initials): DI

Date Assigned: 3 / 14 / 05 Turned In: 3 / 18 / 05

CofC Issued: 1 / 1 / \_\_\_\_\_ CofC Denied: 3 / 18 / 05 Updated: Y / N Date: 1 / 1 / \_\_\_\_\_

Patent number listed on C of C listing in OG (circle one) Y / N

CofC Issued for this record is attached to patent on Internet (circle one) Y / N

New/different correction(s) requested. Check Intranet or with RTIS. (circle one) Y / N

☐ Duplicate (same heading and corrections published/issued CofC on Intranet. (circle one) Y / N

☐ Substitute or corrected request. Locate the original request (check with JCWS and RTIS).

☐ Second Request (another) requesting new/different corrections or additional corrections. TEAM LEADER, DO NOT ORDER FILE. If necessary, call attorney/applicant for assistance in determining new/different corrections. Team Leader, key new a record on: 1 / 1 / \_\_\_\_\_. Place and count with

CofCs keyed, same week, determine and note in to upper right hand corner if "P", "R", or "RTC".

Mark through any corrections on 1050, that were appropriately published; or JCWS assign to: \_\_\_\_\_

☒ Reconsideration ☐ Supersede ☐ Special CofC ☐ Erratum ☐ Expedite CofC

Team Leader, determine if a Request for a Corrected CofC (Supersede) or Reconsideration, due to error in decisions or keying, attributable to (check the appropriate box, below):

☐ RTIS  
Keying Error

☐ LIE: \_\_\_\_\_  
LIE Processing or  
Decision Error

☐ OFFICE  
Error in Entry of Document  
or Ex. Decision

☐ ATTY.  
1.323 Consideration  
or Petition Required

If errors are attributable to LIE, use guidelines for appropriately notifying the LIE and record errors (make copies supporting that the LIE made error, attach copies to this cover sheet, keep copies for your records, and forward copies to CBN, at the end of each month).

☐ JW or OL, locate request for CofC published on: 1 / 1 / \_\_\_\_\_ and return to: \_\_\_\_\_  
(Circle OAC Initials)

☐ Team Leader keyed record on: 3-30-05 ☐ Post card Printed by Tasneem  
(Team Leaders, give all second requests to Tasneem, to print a post card.)

☐ JCWS, order file and assign or reassign to LIE/to: DI / LIE, see your Team Leader for assistance

Comments/Instructions: \_\_\_\_\_

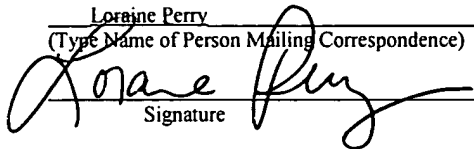
☐ SEE REVERSE SIDE, FOR ADDITIONAL COMMENTS/INSTRUCTIONS

(Revised 12/15/2003 cbn)

Certificate of Mailing: I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313 this 24th day of March, 2005.

Attorney Docket No.  
10001-32102

Lorraine Perry  
(Type Name of Person Mailing Correspondence)



March 24, 2005

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 6,836,507 B1

Issued: December 28, 2004

Name of Patentee: Gifford et al.

Title: SYMBOL SYNCHRONIZER FOR SOFTWARE DEFINED  
COMMUNICATIONS SYSTEM SIGNAL COMBINER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Certificate  
MAR 29 2005  
of Correction

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR APPLICANT'S MISTAKE (37 CFR 1.323)**

Sir:

Applicant respectfully requests that the Patent Office issue a Certificate of Correction for Applicant's Mistake Under 37 CFR 1.323. A Certificate of Correction form attached (Form PTO-1050, in duplicate, with at least one copy being suitable for printing).

The exact column and line numbers where the errors occur in the patent are as follows:

Column 8, line 45, delete " $\underline{t}^{(k+1)} = t^k - c m_i \gamma_i \text{Re}[\epsilon_{pq(k)} * \text{diag}\{w_1^*, w_2^*\} \underline{x} \&_k^*]$ " and  
insert --" $\underline{t}^{(k+1)} = t^k - c m_i \gamma_i \text{Re}[\epsilon_{pq(k)} * \text{diag}\{w_1^*, w_2^*\} \dot{\underline{x}}_k]$ --

Column 8, line 65, delete " $\underline{x} \&_k \equiv [\partial x_{k1} / t_1 \ \partial x_{k2} / t_2]^T$ ;" and insert --" $\dot{\underline{x}}_k \equiv [\partial x_{k1} / t_1 \ \partial x_{k2} / t_2]^T$ ;"--

Column 9, line 3, delete " $J_{pq} = E\{|y_k|^{p-\delta_p}\}$ " and insert -- $J_{pq} = E\{|y_k|^p - \delta_p\}$ --

The first two requests correct typographical errors and do not add new matter. The third request corrects an error made by the Patent Office in printing the patent.

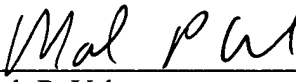
This request for Certificate of Correction supersedes the Certificate of Correction filed on January 10, 2005.

It is believed that a fee of \$100 is required for filing this response. The Patent Office is authorized to charge the fee of \$100 for this filing to Deposit Account No. 10-0460.

Please send the Certificate of Correction to:

Patent and Trademark Docket Clerk  
Jenner & Block LLP  
One IBM Plaza  
Chicago, IL 60611

Respectfully submitted,

  
\_\_\_\_\_  
Mark P. Vrla  
Registration No. 43,973  
Attorney for Patentee

Dated: March 24, 2005

JENNER & BLOCK LLP  
One IBM Plaza  
Chicago, IL 60611  
Ph: (312) 923-2657  
fax: (312) 840-7657

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,836,507 B1

DATED : December 28, 2004

INVENTOR(S) : Gifford et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, line 45, delete " $\underline{t}^{(k+1)} = t^k - c m_t \gamma_t \text{Re}[\epsilon_{pq(k)} * \text{diag}\{w_1^*, w_2^*\} \underline{x\&}_k^*]$ " and insert

$$--\underline{t}^{(k+1)} = t^k - c m_t \gamma_t \text{Re}[\epsilon_{pq(k)} * \text{diag}\{w_1^*, w_2^*\} \underline{\dot{x}}_k, --$$

Column 8, line 65, delete " $\underline{x\&}_k^* \equiv [\partial x_{k1} / t_1 \quad \partial x_{k2} / t_2]^T;$ " and insert  $--\underline{\dot{x}}_k \equiv [\partial x_{k1} / t_1 \quad \partial x_{k2} / t_2]^T; --$

Column 9, line 3, delete " $J_{pq} = E\{|y_k|^{p-\delta_p}]\}$ " and insert  $--J_{pq} = E\{|y_k|^p - \delta_p] --$

MAILING ADDRESS OF SENDER:

PATENT NO. 6,836,507

Jenner & Block LLP  
One IBM Plaza  
Chicago, IL 60611

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Column 9, line 3, delete " $J_{pq} = E\{|y_k|^{p-\delta_p}\}$ " and insert " $--J_{pq} = E\{|y_k|^p - \delta_p\}$ ;"

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One IBM Plaza  
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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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